

Preparation of LOS-Depleted *Neisseria meningitidis* Outer
Membrane Proteins

2996 CELLS

lyophilized
resuspended in hypotonic buffer
lyse in French press

CELL LYSATE

salt wash
ultracentrifugation

CELL ENVELOPES (TOTAL MEMBRANES)

1% TRITON X-100™ extraction (at least 2X)
ultracentrifugation

OUTER MEMBRANES

1% ZWITTERGENT 3-14™ extraction (at least 2X)

LOS-DEPLETED OUTER MEMBRANES

1% ZWITTERGENT 3-14™ + 0.5 M NaCl extraction

LOS-DEPLETED SOLUBLE OUTER MEMBRANE PROTEINS

80% ethanol extraction

CONCENTRATED SOLUBLE OUTER MEMBRANE PROTEINS

FIGURE 1

Infant Rat Challenge Model : Protection Against Bacterimia

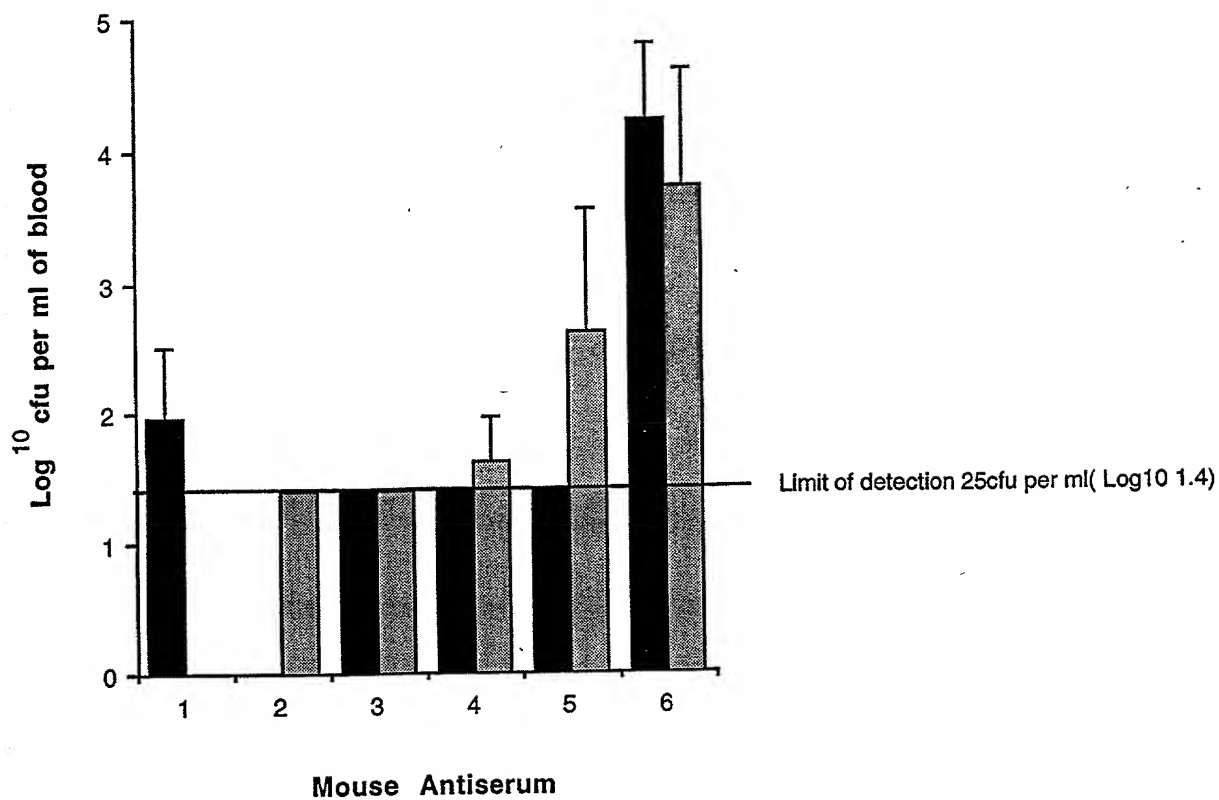


FIGURE 2